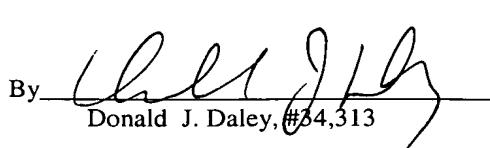| FORM PTO-1390 OFFICE (REV. 11-2000)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK	ATTORNEY'S DOCKET NUMBER 32860-000784/US
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/508405 NEW APPLICATION
		EXPRESS MAIL LABEL NO.

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/DE03/00818	March 13, 2003	March 21, 2002

TITLE OF INVENTION
COMPUTER TOMOGRAPH COMPRISING ENERGY DISCRIMINATING DETECTORS

APPLICANT(S) FOR DO/EO/US
Björn HEISMANN and Thomas VON DER HAAR

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.

2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.

3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39 (1).

4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).

5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))

    a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau). WO 03/079903 A1

    b. ☒ has been transmitted by the International Bureau.

    c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).

6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).

    a. ☒ is transmitted herewith.

    b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4)

7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).

    a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).

    b. ☐ have been transmitted by the International Bureau.

    c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.

    d. ☒ have not been made and will not be made.

8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).

10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 20. below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98-1449, International Search Report (PCT/ISA/210) in English, International Preliminary Examination Report (PCT/IPEA/409 and PCT/IPEA/416), PTO Form 1449 w/ Eleven (11) references and German Translation Aid.

12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. ☒ A FIRST preliminary amendment.

14. ☐ A SECOND or SUBSEQUENT preliminary amendment.

15. ☒ A substitute specification.

16. ☐ A change of power of attorney and/or address letter.

17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.

18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).

19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

20. ☒ Other items or information:
    1) Three (3) sheets of Formal Drawings
    2) Letter w/ Correct Version of Incorrectly Published PCT Application

U.S. APPLICATION NO (If known, See 37 CFR 1.5) 10/508,405 NEW APPLICATION	INTERNATIONAL APPLICATION NO PCT/DE03/00818	ATTORNEY'S DOCKET NUMBER 32860-000784/US

21. ☒ The following fees are submitted:	CALCULATIONS	PTO USE ONLY

BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5):

Neither international preliminary examination fee (37 CFR 1.482)
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
and International Search Report not prepared by the EPO or JPO.......... **$1,080.00**

International preliminary examination fee (37 CFR 1.482) not paid to
USPTO but International Search Report prepared by the EPO or JPO **$920.00**

International preliminary examination fee (37 CFR 1.482) not paid to USPTO
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO......... **$770.00**

International preliminary examination fee (37 CFR 1.482) paid to USPTO
but all claims did not satisfy provisions of PCT Article 33(1)-(4)......... **$730.00**

International preliminary examination fee (37 CFR 1.482) paid to USPTO
and all claims satisfied provisions of PCT Article 33(1)-(4)............... **$100.00**

ENTER APPROPRIATE BASIC FEE AMOUNT = $ 920.00

Surcharge of **$130.00** for furnishing the oath or declaration later than ☐ 20 ☐ 30 Months from the earliest claimed priority date (37 CFR 1.492(e)).				$ 0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	19 - 20 =	0	X $18.00	$	0.00
Independent Claims	3 - 3 =	0	X $86.00	$	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ $290.00	$	0.00
TOTAL OF ABOVE CALCULATIONS =				$	920.00
☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				$	0.00
SUBTOTAL =				$	920.00
Processing fee of **$130.00** for furnishing the English translation later than ☐20 ☐30 Months from the earliest claimed priority date (37 CFR 1.492(f)).				$	0.00
TOTAL NATIONAL FEE =				$	920.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **$40.00** per property +				$	40.00
TOTAL FEES ENCLOSED =				$	960.00

	Amount to be: refunded	$
	charged	$

a. ☒ A check in the amount of **$960.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account. No. 08-0750 in the amount of $ to cover the above fees. A triplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 08-0750.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

Send all correspondence to:
Harness, Dickey & Pierce, P.L.C – Customer No. 30596
Post Office Box 8910
Reston, Virginia 20195

Date: **September 21, 2004**   By_____
                                             Donald J. Daley, #34,313

DJD/smk

PATENT
Docket No. 32860-000784/US

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s):	Björn HEISMANN et al.
Int'l Application No.:	PCT/DE03/00818
Application No.:	**NEW APPLICATION**
Filed:	September 21, 2004
For:	COMPUTER TOMOGRAPH COMPRISING ENERGY DISCRIMINATING DETECTORS

LETTER

U.S. Patent and Trademark Office   September 21, 2004
220 20th Street S.
Customer Window - Mail Stop PCT
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Sir:

Enclosed is a correct version of pages 4-22, incorrectly published PCT application. The correct version of incorrectly published PCT are incorporated in the included substitute specification.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

By: _____
Donald J. Daley, Reg. No. 34,313

P.O. Box 8910
DJD:smk   Reston, Virginia 20195
                                                     (703) 668-8000

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s):	Björn HEISMANN et al.
Int'l Application No.:	PCT/DE03/00818
Application No.:	**NEW APPLICATION**
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LETTER

U.S. Patent and Trademark Office   September 21, 2004
220 20th Street S.
Customer Window - Mail Stop <u>PCT</u>
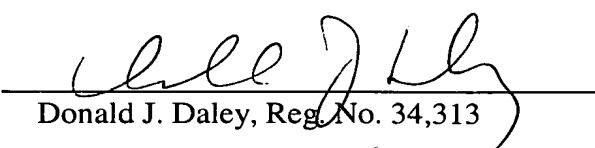Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Sir:

Amended (in German & English) are attached hereto (which correspond to Article 34

amendments and amendments made to the specification and abstract), as required by 35 U.S.C.

§ 371(c)(3). The amended sheets are incorporated in the included substitute specification and

Preliminary Amendment.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

By: _____
Donald J. Daley, Reg. No. 34,313

P.O. Box 8910
DJD:smk   Reston, Virginia 20195
                                                    (703) 668-8000